

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	17	("20030197756" "5291226" "5408738" "5548894" "5559543" "5608436" "5648805" "5946012" "5948290" "6045214" "6183078" "6280021" "6409315" "6447088" "6478410" "6523935" "6601945").PN.	US-PGPUB; USPAT	OR	OFF	2006/02/13 12:44
S2	1	"20050174385"	US-PGPUB; USPAT	OR	OFF	2006/02/10 09:03
S3	1552	"347"/\$.ccls. and silverbrook-\$.in.	US-PGPUB; USPAT	OR	OFF	2006/02/10 11:14
S4	43	"SAMSUNG CORPORATION"	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:42
S5	0	"347"/\$.ccls. and S4	US-PGPUB; USPAT	OR	OFF	2006/02/13 12:45
S6	1996	347/20,54,56,61,62.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:45
S7	0	S4 and S6	US-PGPUB; USPAT	OR	OFF	2006/02/13 12:46
S8	0	printhead and S4	US-PGPUB; USPAT	OR	OFF	2006/02/13 12:46
S9	43	"SAMSUNG CORPORATION"	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:42
S10	5	substrate and S9	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:44
S13	1996	347/20,54,56,61,62.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:46
S14	356	substrate with ink with ejection with nozzle and S13	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:46
S15	20	heater with resistors and S14	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:48
S16	1	film with layer with resistance and S15	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:49
S17	7	ink with feed with slot and S14	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:50
S18	6	S15 and S17	US-PGPUB; USPAT	OR	OFF	2006/02/13 16:50
S19	2002	347/20,54,56,61,62.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/14 16:34
S20	357	substrate with ink with ejection with nozzle and S19	US-PGPUB; USPAT	OR	OFF	2006/02/14 16:34
S21	2168	Lexmark International and maher-colin-g.in.	US-PGPUB; USPAT	OR	OFF	2006/02/14 16:59

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S22	32	S21 and aspect with ratio	US-PGPUB; USPAT	OR	OFF	2006/02/14 16:59
S23	34	piezoelectric with actuator with aspect with ratio	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:12
S24	1776	silverbrook-kia.in. and dpi	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:12
S25	725	S24 and pitch	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:12
S26	700	S25 and nozzle	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:13
S27	10	S26 and "600" with "2400"	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:14
S30	19377	heater with resistance	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:15
S31	221	S30 and ink with ejection with actuator	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:37
S32	190	S31 and nozzle with width	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:22
S34	2002	347/20,54,56,61,62.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:44
S35	357	substrate with ink with ejection with nozzle and S34	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:44
S36	2168	Lexmark International and maher-colin-g.in.	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:44
S37	4	S36 and S35	US-PGPUB; USPAT	OR	OFF	2006/02/15 16:44
S38	8	("4490728"   "4675693"   "4870433"   "4967208"   "5218376"   "5305015"   "5600356"   "5710583").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/15 16:51
S39	1	"6957886".pn.	US-PGPUB; USPAT	OR	OFF	2006/02/16 08:18
S40	3	("4409602" "3861598" "5900892"). pn.	US-PGPUB; USPAT	OR	OFF	2006/02/16 12:07
S41	11	printhead with substrate with thick with film with layer with nozzle	US-PGPUB; USPAT	OR	OFF	2006/02/16 12:07
S43	566	347/20.ccls.	US-PGPUB; USPAT	OR	OFF	2006/02/17 08:06
S44	0	inkjet with printhead with nozzle with oblong	US-PGPUB; USPAT	OR	OFF	2006/02/17 08:06
S45	1	printhead with nozzle with oblong	US-PGPUB; USPAT	OR	OFF	2006/02/17 08:07
S46	1291329	printhead with nozzle with long axis	US-PGPUB; USPAT	OR	OFF	2006/02/17 08:07

## EAST Search History

S47	4	printhead with nozzle with long with axis	US-PGPUB; USPAT	OR	OFF	2006/02/17 08:07
S48	71	printhead with substrate with thin with film with layer with nozzle	US-PGPUB; USPAT	OR	OFF	2006/02/17 15:48